WASTEWATER TREATMENT FACILITIES 2024-2028 CAPITAL IMPROVEMENT PLAN

CIP No.	Project	Page
R-000509	69th Street Wastewater Treatment Plant	10
R-000298	Almeda Sims Wastewater Treatment Plant	8
R-000800	Collection System-Sponsor Participation	13
R-000019	Emergency Needs for Wastewater Utility	2
R-002013	Large Diameter Sewer (LDS) Rehab	16
R-000267	Lift Station Renewal & Replacement	7
R-000020	Miscellaneous Needs for Public Utility	3
R-000266	Neighborhood Sewer Rehab Program	6
R-002011	Neighborhood Sewer Systems Improvements	15
R-000521	Sewer Line Replacement by Other Govt	11
R-900001	Upgrades to CUS-Owned Support Facilities	18
R-000035	Wastewater Force Main Renewal	4
R-002015	Wastewater Substitute Service Program	17
R-000536	Wastewater Treatment Plant Consolidation	12
R-000265	Wastewater Treatment Plant Improvements	5
R-001000	Wastewater Treatment Plant Service Areas	14
R-000500	WW Improvements under M/N	9



2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	s) CITY OF HOUSTON - WASTEWATER TREATMENT FAC					
Project: Emergency Needs for Wastewater Utility	Project No.		R-000019			
Project Description						
This program provides for unforeseen emergency needs for engineering services, construction, and equipment for facility and sewer line failure of Public Utility.	City Cour	ncil District				
	Location	CITYWIDE	Address Descr 2:			
	Served:	CITYWIDE	Zip Codes:			
	Key Map:		Category:			
	Location Code:	UA-00	Sub-Category:			
Project Justification						
This program is needed to provide public health and safety, and to ensure regulatory compliance.	Units:	()			
ensure regulatory compliance.	Start Year:					
	RCC Total	\$	RCA Total	\$		

Project Allocation		2024-2028				
Project Anocation	2024	2025	2026	2027	2028	2024-2020
Planning						
Acquisition-Land						
Design						
Construction	1,000	1,000	1,000	1,000	1,000	5,000
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	1,000	1,000	1,000	1,000	1,000	5,000
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	1,000	1,000	1,000	1,000	1,000	5,000
Total Funds	1,000	1,000	1,000	1,000	1,000	5,000

2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)		CIT	Y OF HOUSTON	- WASTEWATER TREATMENT FACILITIES
Project: Miscellaneous Needs for Public Utility	Project No.			R-000020
Project Description				
This program provides for miscellaneous needs for acquisition,	City Cour	ncil District		
engineering services, construction, and legal services required in conjunction with various capital projects and activities of the	Location	CITYWIDE	Address Descr 2:	
Combined Utility System.	Served:	CITYWIDE	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
This program is needed to provide contracted support services for various capital projects and activities of the Combined Utility	Units:	()	
System.	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation						2024-2028
1 Toject Anocation	2024	2025	2026	2027	2028	2024-2020
Planning						
Acquisition-Land						
Design	27,650	12,150	10,150	6,150	6,150	62,250
Construction	3,050	50	50	50	50	3,250
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	30,700	12,200	10,200	6,200	6,200	65,500
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	30,700	12,200	10,200	6,200	6,200	65,500
Total Funds	30,700	12,200	10,200	6,200	6,200	65,500

2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	CITY OF HOUSTON - WASTEWATER TREATMENT FACI					
Project: Wastewater Force Main Renewal	Project No.			R-000035		
Project Description						
This program is for the renewal and replacement of wastewater force mains throughout the City to provide reliable operation. The City operates and maintains over 1.5 million linear feet of force mains.	City Cour	icil District				
	Location	CITYWIDE	Address Descr 2:			
	Served:	CITYWIDE	Zip Codes:			
	Key Map:		Category:			
	Location Code:	UA-00	Sub-Category:			
Project Justification						
This program is necessary due to the age and condition of the City's force mains. Funding of this program is essential to control	Units:	()			
operation and maintenance costs in the form of emergency repairs and to ensure regulatory compliance, i.e. SSOs.	Start Year:					
	RCC Total	\$	RCA Total	\$		

Project Allocation						2024-2028
1 Toject Anocation	2024	2025	2026	2027	2028	2024-2020
Planning						
Acquisition-Land						
Design	5,500	6,000	6,000	6,000	6,000	29,500
Construction	24,000	10,000	19,000	10,000	10,000	73,000
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	29,500	16,000	25,000	16,000	16,000	102,500
Source of Funds	·	·	·			
8500 - HPW-W&S Syst Consolidated Constr Fd	29,500	16,000	25,000	16,000	16,000	102,500
Total Funds	29,500	16,000	25,000	16,000	16,000	102,500

2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	CITY OF HOUSTON - WASTEWATER TREATMENT FACIL					
Project: Wastewater Treatment Plant Improvements	Project No.			R-000265		
Project Description						
This program provides for the design and construction of electrical, mechanical, structure, process, and piping improvements at various wastewater treatment facilities throughout the City.	City Cour	cil District				
	Location	CITYWIDE	Address Descr 2:			
	Served:	CITYWIDE	Zip Codes:			
	Key Map:		Category:			
	Location Code:	UA-00	Sub-Category:			
Project Justification						
This program is required to control operations and maintenance costs and ensure regulatory compliance.	Units:	C)			
and choure regulatory compliance.	Start Year:					
	RCC Total	\$	RCA Total	\$		

Project Allocation						2024-2028
Project Allocation	2024	2025	2026	2027	2028	2024-2020
Planning						
Acquisition-Land						
Design	30,500	16,000	16,000	16,000	16,000	94,500
Construction	175,896	74,625	101,000	101,000	56,000	508,522
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	206,396	90,625	117,000	117,000	72,000	603,022
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	206,396	90,625	117,000	117,000	72,000	603,022
Total Funds	206,396	90,625	117,000	117,000	72,000	603,022

2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	CITY OF HOUSTON - WASTEWATER TREATMENT FAC					
Project: Neighborhood Sewer Rehab Program	Project No.			R-000266		
Project Description						
This program provides for the systematic renewal/replacement of the	City Cour	icil District				
existing sewer system as required citywide.	Location	CITYWIDE	Address Descr 2:			
	Served:	CITYWIDE	Zip Codes:			
	Key Map:		Category:			
	Location Code:	UA-00	Sub-Category:			
Project Justification						
This program is required to renew/replace deteriorated neighborhood collection systems throughout the City.	Units:	()			
Concentration of the City.	Start Year:					
	RCC Total	\$	RCA Total	\$		

Project Allocation			2024-2028			
Project Allocation	2024	2025	2026	2027	2028	2024-2020
Planning						
Acquisition-Land						
Design						
Construction	96,000	96,000	96,000	96,000	96,000	480,000
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	96,000	96,000	96,000	96,000	96,000	480,000
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	96,000	96,000	96,000	96,000	96,000	480,000
Total Funds	96,000	96,000	96,000	96,000	96,000	480,000

2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)		CIT	Y OF HOUSTON	- WASTEWATER TREATMENT FACILITIES
Project: Lift Station Renewal & Replacement	Project No.			R-000267
Project Description				
This program is to rehabilitate, replace, consolidate or divert	City Cour	ncil District		
wastewater lift stations throughout the City. It provides for design and construction of the required improvements; structural,	Location	CITYWIDE	Address Descr 2:	
mechanical and electrical components at the lift stations.	Served:	CITYWIDE	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
This program is needed for reliable and efficient collection of wastewater throughout the City. It protects public health and	Units:	()	
ensures compliance with regulatory requirements.	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation						2024-2028
Project Anocation	2024	2025	2026	2027	2028	2024-2026
Planning						
Acquisition-Land						
Design	31,000	4,000	6,000	6,000	6,000	53,000
Construction	20,689	45,000	97,000	45,000	45,000	252,689
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	51,689	49,000	103,000	51,000	51,000	305,689
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	51,689	49,000	103,000	51,000	51,000	305,689
Total Funds	51,689	49,000	103,000	51,000	51,000	305,689

2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	CITY OF HOUSTON - WASTEWATER TREATMENT FA					
Project: Almeda Sims Wastewater Treatment Plant	Project No.			R-000298		
Project Description						
This program provides for the design and construction of electrical, mechanical, structure, process and piping improvement of various components of this facility.	City Cour	icil District				
	Location	D	Address Descr 2:			
	Served:	CITYWIDE	Zip Codes:			
	Key Map:		Category:			
	Location Code:	UA-00	Sub-Category:			
Project Justification						
The improvements are required to control operation and maintenance costs and ensure regulatory compliance.	Units:	()			
costs and ensure regulatory compliance.	Start Year:					
	RCC Total	\$	RCA Total	\$		

Project Allocation			1	1		2024-2028
1 Tojout Allocation	2024	2025	2026	2027	2028	2024 2020
Planning						
Acquisition-Land						
Design	3,000					3,000
Construction						
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	3,000					3,000
Source of Funds	·					
8500 - HPW-W&S Syst Consolidated Constr Fd	3,000					3,000
Total Funds	3,000					3,000

2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	city of Houston - wastewater treatment f					
Project: WW Improvements under M/N	Project No.			R-000500		
Project Description						
Wastewater Improvements completed under Street and Bridge or Stormwater Projects.	City Cour	icil District				
	Location	CITYWIDE	Address Descr 2:			
	Served:	CITYWIDE	Zip Codes:			
	Key Map:		Category:			
	Location Code:	UA-00	Sub-Category:			
Project Justification						
Wastewater projects completed in conjunction with Street and Bridge or Stormwater Projects are less expensive and less disruption to the	Units:	C)			
community.	Start Year:					
	RCC Total	\$	RCA Total	\$		

Project Allocation						2024-2028
1 Toject Allocation	2024	2025	2026	2027	2028	2024-2020
Planning						
Acquisition-Land						
Design						
Construction	31,092	21,005	11,789			63,886
Equipment Acquisition						
Salary Recovery						
Other	94					94
Total Allocation	31,186	21,005	11,789			63,980
Source of Funds	·					
8500 - HPW-W&S Syst Consolidated Constr Fd	31,186	21,005	11,789			63,980
Total Funds	31,186	21,005	11,789			63,980

2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	CITY OF HOUSTON - WASTEWATER TREATMENT FA					
Project: 69th Street Wastewater Treatment Plant	Project No.			R-000509		
Project Description						
This program provides for the design and construction of electrical,	City Cour	cil District				
mechanical, structure, process, and piping improvements of various components of 69th Street Wastewater Treatment Plant.	Location	Н	Address Descr 2:			
	Served:	CITYWIDE	Zip Codes:			
	Key Map:		Category:			
	Location Code:	UA-00	Sub-Category:			
Project Justification						
The improvements are required to control operation and maintenance costs and ensure regulatory compliance.	Units:	()			
costs and ensure regulatory compliance.	Start Year:					
	RCC Total	\$	RCA Total	\$		

Project Allocation						2024-2028
Project Anocation	2024	2025	2026	2027	2028	2024-2026
Planning						
Acquisition-Land						
Design						
Construction	20,000	19,701				39,701
Equipment Acquisition	50,000					50,000
Salary Recovery						
Other						
Total Allocation	70,000	19,701				89,701
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	70,000	19,701				89,701
Total Funds	70,000	19,701				89,701

2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	CITY OF HOUSTON - WASTEWATER TREATMENT FACI						
Project: Sewer Line Replacement by Other Govt	Project No.			R-000521			
Project Description							
This program provides funding for the design and construction of wastewater line replacement in coordination with projects by other governmental agencies.	City Cour	cil District					
	Location	CITYWIDE	Address Descr 2:				
	Served:	CITYWIDE	Zip Codes:				
	Key Map:		Category:				
	Location Code:	UA-00	Sub-Category:				
Project Justification							
This program is to coordinate projects with other governmental agencies to avoid conflict, minimize disturbance to the neighborhood,	Units:	()				
and reduce cost.	Start Year:						
	RCC Total	\$	RCA Total	\$			

Project Allocation						2024-2028
1 Toject Allocation	2024	2025	2026	2027	2028	2024-2020
Planning						
Acquisition-Land						
Design						
Construction						
Equipment Acquisition						
Salary Recovery						
Other	2,169	1,400	1,400	1,400	1,400	7,769
Total Allocation	2,169	1,400	1,400	1,400	1,400	7,769
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	2,169	1,400	1,400	1,400	1,400	7,769
Total Funds	2,169	1,400	1,400	1,400	1,400	7,769

2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	CITY OF HOUSTON - WASTEWATER TREATMENT FAC					
Project: Wastewater Treatment Plant Consolidation	Project No.			R-000536		
Project Description						
This program provides for implementation of a plan for the phased consolidation of facilities.	City Cour	cil District				
	Location	CITYWIDE	Address Descr 2:			
	Served:	CITYWIDE	Zip Codes:			
	Key Map:		Category:			
	Location Code:	UA-00	Sub-Category:			
Project Justification						
This program is required to control operations and maintenance costs and ensure regulatory compliance.	Units:	()			
and ensure regulatory compliance.	Start Year:					
	RCC Total	\$	RCA Total	\$		

Project Allocation						2024-2028
Project Anocation	2024	2025	2026	2027	2028	2024-2020
Planning						
Acquisition-Land						
Design		2,500	2,500	2,500	2,500	10,000
Construction	162,349	42,478				204,827
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	162,349	44,978	2,500	2,500	2,500	214,827
Source of Funds	·	·		·	·	
8500 - HPW-W&S Syst Consolidated Constr Fd	162,349	44,978	2,500	2,500	2,500	214,827
Total Funds	162,349	44,978	2,500	2,500	2,500	214,827

2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	CITY OF HOUSTON - WASTEWATER TREATMENT FAC						
Project: Collection System-Sponsor Participation	Project No.			R-000800			
Project Description							
This project provides for the City's share of the cost of participation in joint property for wastewater collection system improvements sponsored by property owners and developers.	City Cour	ncil District					
	Location	CITYWIDE	Address Descr 2:				
	Served:	CITYWIDE	Zip Codes:				
	Key Map:		Category:				
	Location Code:	UA-00	Sub-Category:				
Project Justification							
This allows additional collection system capacity to be constructed using sponsors' funds to match City funding.	Units:	()				
using sponsors funds to materi city funding.	Start Year:						
	RCC Total	\$	RCA Total	\$			

Project Allocation			2024-2028			
Project Allocation	2024	2025	2026	2027	2028	2024-2020
Planning						
Acquisition-Land						
Design						
Construction						
Equipment Acquisition						
Salary Recovery						
Other	2,000	2,000	2,000	2,000	2,000	10,000
Total Allocation	2,000	2,000	2,000	2,000	2,000	10,000
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	2,000	2,000	2,000	2,000	2,000	10,000
Total Funds	2,000	2,000	2,000	2,000	2,000	10,000

2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	city of Houston - wastewater treatme					
Project: Wastewater Treatment Plant Service Areas	Project No.			R-001000		
Project Description						
This program will design and construct improvements to wastewater	City Cour	cil District				
facilities and collection systems where capacity constraints exist.	Location	CITYWIDE	Address Descr 2:			
	Served:	CITYWIDE	Zip Codes:			
	Key Map:		Category:			
	Location Code:	UA-00	Sub-Category:			
Project Justification						
This program is necessary to address capacity deficiencies within the wastewater system. Projects will implement capacity remedial measures	Units:	()			
to accommodate projected growth and ensure regulatory compliance.	Start Year:					
	RCC Total	\$	RCA Total	\$		

Project Allocation			2024-2028			
i Tojest Allocation	2024	2025	2026	2027	2028	2024-2020
Planning						
Acquisition-Land						
Design	74,000	11,000	11,000	11,000	11,000	118,000
Construction		42,000	91,000	537,000	62,000	732,000
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	74,000	53,000	102,000	548,000	73,000	850,000
Source of Funds		·		·	·	
8500 - HPW-W&S Syst Consolidated Constr Fd	74,000	53,000	102,000	548,000	73,000	850,000
Total Funds	74,000	53,000	102,000	548,000	73,000	850,000

2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	CITY OF HOUSTON - WASTEWATER TREATMEN						
Project: Neighborhood Sewer Systems Improvements	Project No.			R-002011			
Project Description							
Replacement and renewal of neighborhood sewers and facilities to improve customer service.	City Cour	icil District					
	Location	CITYWIDE	Address Descr 2:				
	Served:	CITYWIDE	Zip Codes:				
	Key Map:		Category:				
	Location Code:	UA-00	Sub-Category:				
Project Justification							
Neighborhood sewer lines and related structures that continue to deteriorate requiring frequent repair need to be replaced and upgraded	Units:	()				
as necessary to meet today's conditions.	Start Year:						
	RCC Total	\$	RCA Total	\$			

Project Allocation						2024-2028
Project Anocation	2024	2025	2026	2027	2028	2024-2020
Planning						
Acquisition-Land						
Design	529	6,000	6,000	6,000	6,000	24,529
Construction	14,620	79,291	40,000	40,000	40,000	213,911
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	15,149	85,291	46,000	46,000	46,000	238,440
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	15,149	85,291	46,000	46,000	46,000	238,440
Total Funds	15,149	85,291	46,000	46,000	46,000	238,440

2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	CITY OF HOUSTON - WASTEWATER TREATMENT FACILIT						
Project: Large Diameter Sewer (LDS) Rehab	Project No.			R-002013			
Project Description							
This project provides the funding necessary for the rehabilitation of large diameter sewer projects.	City Cour	icil District					
	Location	CITYWIDE	Address Descr 2:				
	Served:	CITYWIDE	Zip Codes:				
	Key Map:		Category:				
	Location Code:	UA-00	Sub-Category:				
Project Justification							
Projects are needed to rehabilitate moderate to severely corroded pipe and to protect pipe from future corrosion. This is an essential investment in the most critical and valuable sewers.	Units:	C)				
	Start Year:						
	RCC Total	\$	RCA Total	\$			

Project Allocation			_			2024-2028
Project Anocation	2024	2025	2026	2027	2028	2024-2026
Planning						
Acquisition-Land						
Design						
Construction	10,000	10,000	10,000	10,000	10,000	50,000
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	10,000	10,000	10,000	10,000	10,000	50,000
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	10,000	10,000	10,000	10,000	10,000	50,000
Total Funds	10,000	10,000	10,000	10,000	10,000	50,000

2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)		CIT	Y OF HOUSTON	- WASTEWATER TREATMENT FACILITIES
Project: Wastewater Substitute Service Program	Project No.			R-002015
Project Description				
The program consists of design and construction associated with	City Cour	cil District		
removing wastewater main lines from the rear of lots, and installing a new main line and service line in the front of the right of way at the City's expense.	Location	CITYWIDE	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The program is required to provide better service to customers with minimal disruption and lower maintenance costs.	Units:	()	
Thin that disreption and tower maintenance deete.	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation						2024-2028
Project Allocation	2024	2025	2026	2027	2028	2024-2020
Planning						
Acquisition-Land						
Design	1,000	1,000	1,000	1,000	1,000	5,000
Construction	5,000	5,000	5,000	5,000	5,000	25,000
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	6,000	6,000	6,000	6,000	6,000	30,000
Source of Funds	·			·		
8500 - HPW-W&S Syst Consolidated Constr Fd	6,000	6,000	6,000	6,000	6,000	30,000
Total Funds	6,000	6,000	6,000	6,000	6,000	30,000

2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)		CIT	Y OF HOUSTON	- WASTEWATER TREATMENT FACILITIES
Project: Upgrades to CUS-Owned Support Facilities VARIOUS LOCATIONS	Project No.			R-900001
Project Description				
Upgrades to Mechanical, Electrical and Plumbing Systems at 611 Walker, 2805 McKinney, and other support facilities.	City Cour	ncil District		
	Location	CITYWIDE	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Address life/safety and functional requirements for CUS-owned office/support facilities.	Units:	C)	
omoo, outport idomidoo.	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation						2024-2028
Project Allocation	2024	2025	2026	2027	2028	2024-2020
Planning						
Acquisition-Land						
Design						
Construction	5,500	1,000	1,000	1,000	1,000	9,500
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	5,500	1,000	1,000	1,000	1,000	9,500
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	5,500	1,000	1,000	1,000	1,000	9,500
Total Funds	5,500	1,000	1,000	1,000	1,000	9,500